



Name: _____

B.S. in WILDLIFE ECOLOGY (total credit requirement = 120)

ID #: _____

Concentration/Minor: _____

First Year

| | |
|----------------------|------------------------------------|
| Fall Semester | |
| BIO 100 | Basic Biology |
| ENG 101 | College Composition |
| MAT 116 or | Introduction to Calculus (C) or |
| MAT 122 or | Pre-Calculus (C) or |
| MAT 126 | Calculus I (C-) |
| WLE 100 | Introduction to Wildlife Resources |
| _____ | *Gen. Ed. Requirements for WLE |

| | semester/yr. | passed |
|----|--------------|--------|
| 4 | | |
| 3 | | |
| 3 | | |
| or | | |
| 4 | | |
| 1 | | |
| | | |

Total: _____

First Year

| | |
|------------------------|--|
| Spring Semester | |
| BIO 200 | Biology of Organisms |
| CMJ 103 or | Public Speaking (Variable) or |
| CMJ 107 | Communication and the Environment (Fall) |
| ECO 120 | Principles of Microeconomics |
| WLE 150 | Wildlife Field Trip |
| _____ | *Gen. Ed. Requirements for WLE |

| | semester/yr. | passed |
|---|--------------|--------|
| 4 | | |
| 3 | | |
| 3 | | |
| 1 | | |
| | | |

Total: _____

Second Year

| | |
|----------------------|--------------------------------|
| Fall Semester | |
| BIO 329 | Vertebrate Biology |
| BIO 331 | Vertebrate Biology Lab |
| CHY 121/123 or | General Chemistry I and Lab or |
| PHY 111 | General Physics I |
| WLE 200 | Ecology (C-) |
| WLE 201 | Ecology Laboratory (C-) |

| | semester/yr. | passed |
|---|--------------|--------|
| 3 | | |
| 1 | | |
| 4 | | |
| 3 | | |
| 3 | | |

Total: _____

Second Year

| | |
|------------------------|--------------------------------------|
| Spring Semester | |
| CHY 121/123 or | General Chemistry I and Lab or |
| CHY 122/124 | General Chemistry II and Lab |
| EES 140 or | Soil Science or |
| ERS 101 or | Introduction to Geology or |
| ERS 102 | Environmental Geology |
| WLE 220 | Intro. to Ecological Statistics (C-) |
| _____ | *Gen. Ed. Requirements for WLE |

| | semester/yr. | passed |
|----|--------------|--------|
| 4 | | |
| 3 | | |
| or | | |
| 4 | | |
| 4 | | |

Total: _____

May Term

| | |
|---------|-----------------------|
| WLE 250 | Wildlife Field Survey |
|---------|-----------------------|

| | semester/yr. | passed |
|---|--------------|--------|
| 3 | | |

Third Year

| | |
|----------------------|---|
| Fall Semester | |
| BIO 326 or | General Entomology or |
| BIO 353 | Invertebrate Zoology (Spring) |
| BIO 464 | Taxonomy of Vascular Plants |
| WLE 461 | Human Dimensions Fish & Wildl. Conserv. |
| _____ | Aquatic Ecology Elective |

| | semester/yr. | passed |
|---|--------------|--------|
| 4 | | |
| 4 | | |
| 3 | | |
| 3 | | |

Total: _____

Third Year

| | |
|------------------------|---|
| Spring Semester | |
| BIO 250 or | Concepts & Applications of Genetics (Fall) or |
| BIO 265 | Fundamentals of Evolution |
| ECO 377 or | Intro. Natrl. Rsrc. Econ. & Policy (Fall of fourth year) or |
| EES 351 | Energy, Wealth, and Power: Biophysical Systems |
| SFR 400 | Applied Geographical Info. Systems |
| WLE 470 | Wildlife Policy and Administration |
| _____ | Concentration Requirement (If not enrolling in EES 351) |

| | semester/yr. | passed |
|---|--------------|--------|
| 3 | | |
| 3 | | |
| 4 | | |
| 3 | | |

Total: _____

Fourth Year

| | |
|--|---|
| Fall Semester | |
| * If you did not take EES 351, you must take ECO 377 | |
| ECO 377 | Intro. Natural Resource Econ. & Policy |
| SFR 349 or | Applied Forest Ecology & Silviculture or |
| WLE 423 | Wetland Ecology & Conservation |
| WLE 410/411 | Wildl. Population Dynam. & Conserv./Lab |
| _____ | Concentration Requirement |
| _____ | Concentration Requirement |
| _____ | Concentration Requirement (If not enrolling in ECO 377) |

| | semester/yr. | passed |
|---|--------------|--------|
| 3 | | |
| 4 | | |
| 4 | | |
| | | |
| | | |

Total: _____

Fourth Year

| | |
|------------------------|--------------------------------------|
| Spring Semester | |
| WLE 450 | Wildlife-Habitat Relationships |
| WLE 455 or | Wildlife-Habitat Evaluation or |
| WLE 457 | Ecology and Management of Game Birds |
| _____ | Concentration Requirement |
| _____ | Concentration Requirement or |
| _____ | *Gen. Ed. Requirements for WLE |

| | semester/yr. | passed |
|---|--------------|--------|
| 3 | | |
| 2 | | |
| 3 | | |
| | | |
| | | |

Total: _____

*** WLE Required General Education Catagories**

| | |
|-------|------------------------------------|
| _____ | Ethics |
| _____ | Western Cultural Tradition |
| _____ | Cultural Div. & Int'l Perspectives |
| _____ | Artistic and Creative Expression |

| | semester/yr. |
|--|--------------|
| | |
| | |
| | |

These credits are included in the semester totals above.

Other Courses Completed

| | semester/yr. | passed |
|-------|--------------|--------|
| _____ | | |
| _____ | | |
| _____ | | |

Total: _____

General Education Requirements

Use your degree progress report to keep track of your WLE program progress. Your degree progress report can be found under the Academics section of your MaineStreet account.

Human Values and Social Context

* Students must pass 1 course in each of the 5 subcategories and earn a total of 18 credits.

| | Semester | Grade | Credits |
|---|----------|-------|---------|
| Western Cultural Tradition course | | | |
| Social Context and Institutions course | | | 3 |
| Social Context and Institutions course | | | 3 |
| Cultural Div. & Int'l Perspectives course | | | |
| Population and the Environment course | | | 3 |
| Artistic and Creative Expression course | | | |
| Total: | | | |

Ethics Requirement

| | Semester | Grade | Credits |
|---------------|----------|-------|---------|
| Ethics course | | | |
| Total: | | | |

Sciences Requirement

| | Semester | Grade | Credits |
|---|-------------|-------|---------|
| Lab Science course | BIO 100 | | 4 |
| Applications of Scientific Knowledge course | CHY 121/123 | | 4 |
| Total: | | | |

Quantitative Literacy Requirement

* Student must pass 6 credits of Quantitative Literacy courses.

| | Semester | Grade | Credits |
|------------------------------|-------------------------------------|-------|---------|
| Quantitative Literacy course | MAT 116 or MAT 122 or MAT 126 | | |
| Quantitative Literacy course | WLE 220 | | 3 |
| Total: | | | |

Writing Competency Requirement

| | Semester | Grade | Credits |
|---------------------------------------|------------|-------|---------|
| English 101 | ENG 101 | | 3 |
| Writing Intensive course Within Major | WLE 201 | | 3 |
| Second Writing Intensive course | WLE 455 or | | |
| Total: | | | |

Capstone Experience Requirement

| | Semester | Grade | Credits |
|-----------------|-----------------------|-------|---------|
| Capstone course | WLE 450 | | 3 |
| Capstone course | WLE 455 or WLE 457 | | |
| Total: | | | |

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Concentration Requirements

Students majoring in Wildlife Ecology must declare a concentration. However, students may complete the Honors Program or double major or pursue a minor in a related discipline as approved by their advisor and Undergraduate Program Coordinator as an alternative to a Concentration.

****Core Curriculum courses can not be used to satisfy any concentration requirement.****

Students pursuing a Fisheries Concentration must complete the following requirements for a minimum of 13 credits.

| | Semester | Grade | Credits |
|---------------------------|----------------|-------|---------|
| ** Required Course | WLE 340 | | |
| ** Required Course | WLE 341 | | |
| Fisheries Course | | | |
| Aquatic Science Course | | | |
| Aquatic Science Course | | | |
| Total: | | | |

Students pursuing a Wildlife Science and Management Concentration must complete the following requirements for a for minimum of 12 credits.

| | Semester | Grade | Credits |
|--|----------|-------|---------|
| ** Required Course Communications Elective | | | |
| In addition to ENG 101, CMJ 103, or 107 and WLE 461 | | | |
| Organismal Biology Course | | | |
| Management Course | | | |
| Science Course | | | |
| Total: | | | |

Students pursuing a concentration in Conservation Biology must complete the following requirements for a minimum of 15 credits.

| | Semester | Grade | Credits |
|---|-------------------------------|-------|---------|
| ** Required Course | WLE 323 or WLE 479 | | |
| Organismal Biology course | | | |
| Ecology and Management of Ecosystems Course | | | |
| Social Science Aspects of Conservation Course | | | |
| Social Science Aspects of Conservation Course | | | |
| Total: | | | |

Aquatic Ecology Elective Options

| | | |
|---------|--|------------------|
| BIO 430 | Ecol. & System Aquatic Insect | Fall, Odd years |
| BIO 463 | River Ecology | Fall, Even years |
| BIO 468 | Lake Ecology | Fall, Odd years |
| SMS 302 | Oceanography | Fall |
| SMS 308 | Conservation & Ecol. of Marine Mammals | Fall |
| SMS 321 | Intro Fisheries Science | Spring |
| SMS 322 | Biology of Marine Vertebrates | Variable |
| SMS 374 | Deep Sea Biology | Spring, Summer |
| SMS 423 | The Biology of Sharks | Spring |
| WLE 340 | Freshwater Fisheries Ecol/Mgt | Fall, Odd years |
| WLE 423 | Wetland Ecol & Conservation | Fall |